

Additional Tables

Table A1. Physical strains by occupation.

	Always		Often		Sometimes		Rarely		Never / hardly ever	
	n	%	n	%	n	%	n	%	n	%
Noise (n=252)										
Technicians	22	17.6	55	44.0	43	34.4	4	3.2	1	0.8
Other	13	10.2	50	39.4	44	34.6	17	13.4	3	2.4
Vibrations/oscillation (n=255)										
Technicians	21	16.7	54	42.9	32	25.4	16	12.7	3	2.4
Other	18	14.0	40	31.0	37	28.7	21	16.3	13	10.1
Humidity/moisture (n=254)										
Technicians	3	2.4	49	38.9	60	47.6	12	9.5	2	1.6
Other	3	2.3	35	27.3	59	46.1	24	18.8	7	5.5
Cold (n=254)										
Technicians	1	0.8	41	32.5	75	59.5	8	6.3	1	0.8
Other	2	1.6	32	25.0	70	54.7	17	13.3	7	5.5
Heat (n=254)										
Technicians	2	1.6	36	28.8	73	58.4	13	10.4	1	0.8
Other	1	0.8	19	14.7	80	62.0	24	18.6	5	3.9
Frequent changes between heat and cold (n=252)										
Technicians	5	4.0	24	19.4	51	41.1	37	29.8	7	5.6
Other	3	2.3	24	18.8	43	33.6	44	34.4	14	10.9
Odors (n=252)										
Technicians	3	2.4	21	17.1	47	38.2	42	34.1	10	8.1
Other	4	3.1	20	15.5	41	31.8	48	37.2	16	12.4
Contact with chemicals or hazardous substances (n=252)										
Technicians	4	3.3	36	29.3	42	34.1	31	25.2	10	8.1
Other	4	3.1	21	16.3	41	31.8	45	34.9	18	14.0
Lifting / carrying heavy loads (n=253)										
Technicians	9	7.2	58	46.4	44	35.2	12	9.6	2	1.6

Other	7	5.5	32	25.0	42	32.8	39	30.5	8	6.3
Transport of aids (e. g. PPE, tools) over long distances (n=253)										
Technicians	30	24.0	44	35.2	28	22.4	20	16.0	3	2.4
Other	14	10.9	32	25.0	45	35.2	23	18.0	14	10.9
Working with twisted upper body/forward flexion of the spine (n=254)										
Technicians	5	4.0	57	45.6	42	33.6	18	14.4	3	2.4
Other	4	3.1	25	19.4	47	36.4	33	25.6	20	15.5
Working with unsupported raised arms (overhead work) (n=254)										
Technicians	1	0.8	30	24.0	61	48.8	29	23.2	4	3.2
Other	0	0.0	14	10.9	46	35.7	41	31.8	28	21.7
Reduced visibility (n=252)										
Technicians	0	0.0	17	13.8	55	44.7	39	31.7	12	9.8
Other	0	0.0	21	16.3	40	31.0	44	34.1	24	18.6
Closed/cramped quarters (n=253)										
Technicians	10	8.0	44	35.2	52	41.6	14	11.2	5	4.0
Other	4	3.1	36	28.1	43	33.6	33	25.8	12	9.4
Climbing (n=254)										
Technicians	34	27.2	61	48.8	23	18.4	6	4.8	1	0.8
Other	20	15.5	47	36.4	29	22.5	20	15.5	13	10.1
Poor air quality / air conditioning (n=253)										
Technicians	13	10.4	39	31.2	30	24.0	36	28.8	7	5.6
Other	17	13.3	29	22.7	42	32.8	30	23.4	10	7.8
Restricted movement (n=254)										
Technicians	4	3.2	31	24.8	44	35.2	33	26.4	13	10.4
Other	7	5.4	34	26.4	42	32.6	27	20.9	19	14.7
Unpredictable waiting times (e.g. during "weather days") (n=254)										
Technicians	4	3.2	46	36.8	54	43.2	20	16.0	1	0.8
Other	2	1.6	46	35.7	57	44.2	19	14.7	5	3.9

Table A2. Physical strains by phase of the wind farm.

[illegible]

Under construction	17	19.3	28	31.8	24	27.3	15	17.0	4	4.5
In operation	27	16.5	48	29.3	48	29.3	28	17.1	13	7.9
Working with twisted upper body/forward flexion of the spine (n=253)										
Under construction	3	3.4	37	41.6	25	28.1	18	20.2	6	6.7
In operation	6	3.7	45	27.4	63	38.4	33	20.1	17	10.4
Working with unsupported raised arms (overhead work) (n=253)										
Under construction	1	1.1	19	21.3	35	39.3	27	30.3	7	7.9
In operation	0	0.0	25	15.2	71	43.3	43	26.2	25	15.2
Reduced visibility (n=251)										
Under construction	0	0.0	17	19.3	41	46.6	24	27.3	6	6.8
In operation	0	0.0	21	12.9	53	32.5	59	36.2	30	18.4
Closed/cramped quarters (n=252)										
Under construction	6	6.7	35	39.3	29	32.6	19	21.3	0	0.0
In operation	8	4.9	45	27.6	65	39.9	28	17.2	17	10.4
Climbing (n=253)										
Under construction	25	28.1	41	46.1	16	18.0	5	5.6	2	2.2
In operation	28	17.1	67	40.9	36	22.0	21	12.8	112	7.3
Poor air quality / air conditioning (n=252)										
Under construction	6	6.8	22	25.0	25	28.4	28	31.8	7	8.0
In operation	24	14.6	46	28.0	46	28.0	38	23.2	10	6.1
Restricted movement (n=253)										
Under construction	2	2.2	26	29.2	31	34.8	23	25.8	7	7.9
In operation	9	5.5	39	23.8	54	32.9	37	22.6	25	15.2
Unpredictable waiting times (e.g. during "weather days") (n=253)										
Under construction	2	2.2	41	46.1	39	43.8	6	6.7	1	1.1
In operation	4	2.4	51	31.1	71	43.3	33	20.1	5	3.0